

PRODUCT DATA SHEET

MIR 220

Tyre Construction: Bias

Type: Tube Less

Main Applications: Backhoe Loader, Telehandler,
Grader, Wheel Loader

TRA Code: IND



Salient Features:

Robust Design: Steel Belted

- Improved Tread design- Provides better traction.
- Enhanced Carcass- Stability for both On and Off-road operations.
- Excellent self-cleaning properties.
- Steel belted Construction for longer Tyre life.



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)							
		SW	OD					Speed (kmph) (mph)							
								Constant Load						Cyclic Applications	
		mm	mm					mm	mm	bar	Static	10	25	30	40
in	in	in	in	psi		6	16	19	25	31	6	9			
300/75R18 (SB)	W9X18	295	908	415	2716	142A8/B	3.2	3980	2160	1830	1800	1730	1730	2600	2320
							46.4	8770	4760	4030	3960	3810	3810	5730	5110
							3.6	4390	2390	2020	1990	1910	1910	2870	2560
							52.2	9670	5260	4450	4380	4210	4210	6320	5640
							3.8	4600	2500	2120	2080	2000	2000	3000	2680
							55.1	10130	5510	4670	4580	4410	4410	6610	5900
	11.6	35.7	16.3	106.9	143A8/B	4	4810	2610	2230	2170	2090	2090	3140	2800	
						58	10590	5750	4910	4780	4600	4600	6920	6170	
						5.2	6100	3310	2810	2760	2650	2650	3980	3550	
						75.4	13440	7290	6190	6080	5840	5840	8770	7820	
						5.5	---	---	---	---	---	---	2790	4190	3740
						79.75	---	---	---	---	---	---	6150	9230	8240
						5.8	---	---	---	---	---	---	2930	4400	3930
						84.1	---	---	---	---	---	---	6450	9690	8660
340/80R18 (12.5R18) (SB)	11	343	1001	453	2994	143 A8/B	3	4850	2640	2240	2190	2110	2110	3170	2830
							44	10680	5810	4930	4820	4650	4650	6980	6230
							3.2	5130	2790	2360	2320	2230	2230	3350	2990
							46	11300	6150	5200	5110	4910	4910	7380	6590
							3.6	5660	3080	2610	2560	2460	2460	3690	3300
							52	12470	6780	5750	5640	5420	5420	8130	7270
	13.5	39.4	17.8	117.9	144 A8/B	3.8	5930	3230	2750	2680	2580	2580	3870	3460	
						55	13060	7110	6060	5900	5680	5680	8520	7620	
						4	6270	3410	2890	2830	2725	2725	4090	3650	
						58	13810	7510	6370	6230	6000	6000	9010	8040	
						4.2	---	---	---	---	---	---	2810	4220	3770
						61	---	---	---	---	---	---	6190	9300	8300
						4.4	---	---	---	---	---	---	2930	4400	3930
						64	---	---	---	---	---	---	6450	9690	8660
340/80R20 (12.5R20) (SB)	11	343	1052	474	3146	144 A8/B	3	5080	2760	2340	2300	2210	2210	3320	2960
							44	11190	6080	5150	5070	4870	4870	7310	6520
							3.2	5360	2910	2470	2420	2330	2330	3500	3120
							46	11810	6410	5440	5330	5130	5130	7710	6870
							3.6	5930	3230	2730	2680	2580	2580	3870	3460
							52	13060	7110	6010	5900	5680	5680	8520	7620
	13.5	41.4	18.7	123.9	144 A8/B	3.8	6210	3380	2880	2810	2700	2700	4050	3620	
						55	13680	7440	6340	6190	5950	5950	8920	7970	
						4	6440	3500	2970	2910	2800	2800	4200	3750	
						58	14190	7710	6540	6410	6170	6170	9250	8260	
						4.2	---	---	---	---	---	---	2940	4410	3940
						61	---	---	---	---	---	---	6480	9710	8680
						4.4	---	---	---	---	---	---	3070	4610	4110
						64	---	---	---	---	---	---	6760	10150	9050

Mahansaria Tyres Pvt. Ltd.

3rd Floor, Peninsula Chambers, Ganpat Rao Kadam Marg, Lower Parel West, Mumbai 400013, India

T: +91 22 4348 1600 ■ E: enquiry@ascensotyres.com ■ W: www.ascensotyres.com



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)							
		SW	OD					Speed (kmph) (mph)							Cyclic Applications
				Constant Load							10	15			
				mm	mm			mm	mm	mm			mm	mm	bar
in	in	in	in	in	in	in	psi		6	16	19	25	31	6	9
400/70R20 (16.0/70 R20) (SB)	13	404	1068	485	3194	149 A8/B	3	5820	3160	2680	2630	2530	2530	3800	3390
							44	12820	6960	5900	5790	5570	5570	8370	7470
							3.2	6140	3340	2830	2780	2670	2670	4010	3580
							46	13520	7360	6230	6120	5880	5880	8830	7890
							3.6	6790	3690	3130	3070	2950	2950	4430	3950
							52	14960	8130	6890	6760	6500	6500	9760	8700
	3.8	7110	3860	3290	3210		3090	3090	4640	4140					
	55	15660	8500	7250	7070		6810	6810	10220	9120					
	4	7480	4060	3450	3380		3250	3250	4880	4360					
	58	16480	8940	7600	7440		7160	7160	10750	9600					
	4.2	---	---	---	---		---	---	3370	5060	4520				
	61	---	---	---	---		---	---	7420	11150	9960				
4.4	---	---	---	---	---	---	3510	5270	4700						
64	---	---	---	---	---	---	7730	11610	10350						
400/70R24 (16.0/70 R24) (SB)	13	404	1170	536	3499	152 A8/B	3	6300	3430	2900	2850	2740	2740	4110	3670
							44	13880	7560	6390	6280	6040	6040	9050	8080
							3.2	6650	3610	3060	3010	2890	2890	4340	3870
							46	14650	7950	6740	6630	6370	6370	9560	8520
							3.6	7360	4000	3390	3330	3200	3200	4800	4290
							52	16210	8810	7470	7330	7050	7050	10570	9450
	3.8	7710	4190	3570	3480		3350	3350	5030	4490					
	55	16980	9230	7860	7670		7380	7380	11080	9890					
	4	8170	4440	3760	3690		3550	3550	5330	4760					
	58	18000	9780	8280	8130		7820	7820	11740	10480					
	4.2	---	---	---	---		---	---	3650	5480	4890				
	61	---	---	---	---		---	---	8040	12070	10770				
4.4	---	---	---	---	---	---	3810	5720	5110						
64	---	---	---	---	---	---	8390	12600	11260						

Mahansaria Tyres Pvt. Ltd.

3rd Floor, Peninsula Chambers, Ganpat Rao Kadam Marg, Lower Parel West, Mumbai 400013, India

T: +91 22 4348 1600 ■ E: enquiry@ascensotyres.com ■ W: www.ascensotyres.com



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)									
		SW	OD					Speed (kmph) (mph)									
								Constant Load						Cyclic Applications			
								bar	Static	10	25	30	40	50	10	15	
psi	6	16	19	25	31	6	9										
mm	mm	mm	mm	mm	mm												
in	in	in	in	in	in												
400/80R24 (14.9R24) (SB)	DW13	404	1250	569	3738	162 A8/B	3.4	7890	4290	3640	3570	3430	3430	5150	4600		
							49	17380	9450	8020	7860	7560	7560	11340	10130		
							3.6	8280	4500	3820	3740	3600	3600	5400	4820		
							52	18240	9910	8410	8240	7930	7930	11890	10620		
							3.8	8670	4710	4000	3920	3770	3770	5660	5050		
							55	19100	10370	8810	8630	8300	8300	12470	11120		
							4	9060	4930	4200	4100	3940	3940	5910	5280		
	15.9	49.2	22.4	147.2	58		19960	10860	9250	9030	8680	8680	13020	11630			
					5		10930	5940	5040	4940	4750	4750	7130	6370			
					73		24070	13080	11100	10880	10460	10460	15700	14030			
					5.2		---	---	---	---	---	4920	7380	6590			
					75		---	---	---	---	---	10840	16260	14520			
					5.4		---	---	---	---	---	5090	7640	6820			
					78		---	---	---	---	---	11210	16830	15020			
440/80R24 (16.9R24) (SB)	DW14L	441	1314	595	3930	168 A8/B	3.4	9150	4980	4220	4140	3980	3980	5970	5330		
							49	20150	10970	9300	9120	8770	8770	13150	11740		
							3.6	9610	5230	4430	4350	4180	4180	6270	5600		
							52	21170	11520	9760	9580	9210	9210	13810	12330		
							3.8	10070	5480	4640	4560	4380	4380	6570	5870		
							55	22180	12070	10220	10040	9650	9650	14470	12930		
							4	10530	5730	4880	4760	4580	4580	6870	6140		
	17.4	51.7	23.4	154.7	58		23190	12620	10750	10480	10090	10090	15130	13520			
					5		12880	7000	5940	5820	5600	5600	8400	7500			
					73		28370	15420	13080	12820	12330	12330	18500	16520			
					5.2		---	---	---	---	---	5800	8700	7770			
					75		---	---	---	---	---	12780	19160	17110			
					5.4		---	---	---	---	---	6000	9000	8040			
					78		---	---	---	---	---	13220	19820	17710			

Mahansaria Tyres Pvt. Ltd.

3rd Floor, Peninsula Chambers, Ganpat Rao Kadam Marg, Lower Parel West, Mumbai 400013, India

T: +91 22 4348 1600 ■ E: enquiry@ascensotyres.com ■ W: www.ascensotyres.com



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)							
								Speed (kmph) (mph)							
		SW	OD					Constant Load					Cyclic Applications		
		mm	mm					Static	10	25	30	40	50	10	15
in	in	in	in	in	in	bar	psi	6	16	19	25	31	6	9	
460/70R24 (17.5LR24) (SB)	DW15L	465	1254	571	3750	159 A8/B	3	7820	4250	3600	3540	3400	3400	5100	4560
							44	17220	9360	7930	7800	7490	7490	11230	10040
							3.2	8260	4490	3810	3730	3590	3590	5390	4810
							46	18190	9890	8390	8220	7910	7910	11870	10590
							3.6	9130	4960	4210	4130	3970	3970	5960	5320
							52	20110	10930	9270	9100	8740	8740	13130	11720
							3.8	9570	5200	4430	4330	4160	4160	6240	5570
	18.3	49.4	22.5	147.6	55		21080	11450	9760	9540	9160	9160	13740	12270	
					4		10060	5470	4640	4550	4375	4375	6560	5860	
					58		22160	12050	10220	10020	9640	9640	14450	12910	
					4.2		---	---	---	---	---	4540	6810	6080	
					61		---	---	---	---	---	10000	15000	13390	
					4.4		---	---	---	---	---	4730	7100	6340	
					64		---	---	---	---	---	10420	15640	13960	
500/70R24 (19.5LR24) (SB)	DW16L	503	1310	594	3918	164 A8/B	3	8920	4850	4110	4040	3880	3880	5820	5200
							44	19650	10680	9050	8900	8550	8550	12820	11450
							3.2	9430	5130	4350	4260	4100	4100	6150	5490
							46	20770	11300	9580	9380	9030	9030	13550	12090
							3.6	10420	5660	4800	4710	4530	4530	6800	6070
							52	22950	12470	10570	10370	9980	9980	14980	13370
							3.8	10900	5930	5050	4930	4740	4740	7110	6350
	19.8	51.6	23.4	154.3	55		24010	13060	11120	10860	10440	10440	15660	13990	
					4		11500	6250	5300	5200	5000	5000	7500	6700	
					58		25330	13770	11670	11450	11010	11010	16520	14760	
					4.2		---	---	---	---	---	5170	7760	6930	
					61		---	---	---	---	---	11390	17090	15260	
					4.4		---	---	---	---	---	5390	8090	7220	
					64		---	---	---	---	---	11870	17820	15900	

Mahansaria Tyres Pvt. Ltd.

3rd Floor, Peninsula Chambers, Ganpat Rao Kadam Marg, Lower Parel West, Mumbai 400013, India

T: +91 22 4348 1600 ■ E: enquiry@ascensotyres.com ■ W: www.ascensotyres.com



Technical Data



Size	Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)									
		SW	OD					Speed (kmph) (mph)								Cyclic Applications	
								Constant Load						10	15		
		mm	mm					mm	mm	mm	mm	mm	mm			mm	mm
in	in	in	in	in	in	in	in	in	in	in	in	in	in	in			
480/80R26 (18.4R26) (SB)	DW15L	479	1428	647	4271	167 A8/B	3	9780	5310	4510	4420	4250	4250	6380	5700		
							44	21540	11700	9930	9740	9360	9360	14050	12560		
							3.2	10300	5600	4750	4660	4480	4480	6720	6000		
							46	22690	12330	10460	10260	9870	9870	14800	13220		
							3.6	11390	6190	5250	5150	4950	4950	7430	6630		
							52	25090	13630	11560	11340	10900	10900	16370	14600		
		3.8	11940	6490	5530		5400	5190	5190	7790	6950						
		55	26300	14300	12180		11890	11430	11430	17160	15310						
		4	12540	6810	5780		5670	5450	5450	8180	7300						
		58	27620	15000	12730		12490	12000	12000	18020	16080						
		4.2	---	---	---		---	---	5660	8490	7580						
		61	---	---	---		---	---	12470	18700	16700						
		4.4	---	---	---		---	---	5900	8850	7910						
		64	---	---	---		---	---	13000	19490	17420						
440/80R28 (16.9R28) (SB)	DW14L	441	1415	646	4232	156 A8/B	1.6	5380	2930	2480	2430	2340	2340	3510	3140		
							23	11850	6450	5460	5350	5150	5150	7730	6920		
							2	6350	3450	2930	2870	2760	2760	4140	3700		
							29	13990	7600	6450	6320	6080	6080	9120	8150		
							2.4	7340	3990	3380	3320	3190	3190	4790	4270		
							35	16170	8790	7440	7310	7030	7030	10550	9410		
		2.8	8300	4510	3840		3750	3610	3610	5420	4840						
		41	18280	9930	8460		8260	7950	7950	11940	10660						
		3.2	9200	5000	4240		4160	4000	4000	6000	5360						
		46	20260	11010	9340		9160	8810	8810	13220	11810						
		3.4	---	---	---		---	---	4250	6380	5700						
		49	---	---	---		---	---	9360	14050	12560						
		3.6	---	---	---		---	---	4460	6690	5980						
		52	---	---	---		---	---	9820	14740	13170						

Note: SB – Steel Belted

Note: All tyres confirm to ETRTO standards

Mahansaria Tyres Pvt. Ltd.

3rd Floor, Peninsula Chambers, Ganpat Rao Kadam Marg, Lower Parel West, Mumbai 400013, India

T: +91 22 4348 1600 ■ E: enquiry@ascensotyres.com ■ W: www.ascensotyres.com

